

Substitute for form 1449A/P

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Attorney Docket Number

Complete if Known

Application Number

10/791,194

Filing Date

March 2, 2004

First Named Inventor

Frank L. Hall

Group Art Unit

1725

Examiner Name

S. Heinrich

Attorney Docket Number

2269-4718.2US (00-0316.02/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

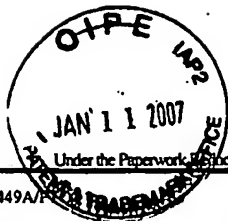
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Examiner Signature	S. Heinrich	Date Considered	3-30-07
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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

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Application Number	10/791,194
Filing Date	March 2, 2004
First Named Inventor	Frank L. Hall
Group Art Unit	1725
Examiner Name	S. Heinrich
Attorney Docket Number	2269-4718.2US (00-0316.02/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
SMH		US-4,767,049	08/30/1988	Butt et al.	
		US- 5,856,229	08/12/1997	Tanimoto et al.	
		US- 5,868,271	02/02/1999	Stueber et al.	
		US- 5,883,437	03/16/1999	Maruyama et al.	
		US- 6,544,816	04/08/2003	Lim et al.	
SMH		US- 2002/0030281 A1	03/14/2002	Rolda et al.	
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FOREIGN PATENT DOCUMENTS

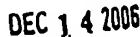
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
SMH		JP403101141A	04/25/1991	Kawada et al.		X
		EP472768A	03/04/1992	Beer et al.		X

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Sheet

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of

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Application Number

10/791,194

Filing Date

March 2, 2004

First Named Inventor

Frank L. Hall

Group Art Unit

1725

Examiner Name

S. Heinrich

Attorney Docket Number

2269-4718.2US (00-0316.02/US)

U.S. PATENT DOCUMENTS

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Signature**

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/791,194
		Filing Date	March 2, 2004
		First Named Inventor	Frank L. Hall
		Group Art Unit	1725
		Examiner Name	S. Heinrich
		Attorney Docket Number	2269-4718.2 (US (00-0316.02/US))
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SHH		IBM Technical Disclosure Bulletin (TDS), "Short Cycle Prototype Three-Dimensional Molded Circuit Boards," January 1, 1991, Volume 33, Issue 8, page 304.	

Examiner Signature	S. Heinrich	Date Considered	3-30-07
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10/791,194

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March 2, 2004

First Named Inventor

Frank L. Hall

Group Art Unit

1725

Examiner Name

S. Heinrich

Attorney Docket Number

2269-4718.2US (00-0316.02/US)

U.S. PATENT DOCUMENTS

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Signature**

S. Heineck

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
cmf		JP 360015985A	01/1985	Fujitsu Ltd		X
		JP 360123084A	07/1985	Matsushita Electric		X
		JP 363117421A	05/1988	Nikon Corp		X
		JP 407030121A	01/1995	Sanyo Electric		X
		JP 409325365A	12/1997	Hitachi Ltd		X
cmf		JP 2000012726A	01/2000	Sony Corp		X

Examiner Signature	<i>S. Herwood</i>	Date Considered	3-30-07
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		Number - Kind Code ² (if known)			
S.H.		US-6,031,249	02/29/2000	Yamazaki et al.	
		US- 6,281,090 B1	08/28/2001	Kukanskis et al.	
		US- 6,399,177 B1	06/04/2002	Fonash et al.	
		US- 6,586,273 B2	07/01/2003	Aiba et al.	
		US- 6,967,399 B2	11/22/2005	Aiba et al.	
		US- 7,122,790 B2	10/17/2006	Fonash et al.	
S.H.		US- 2004/0194510 A1	10/07/2004	Hosoe	
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